

**7.3.3 Efficiency Standards for Residential Boilers****Effective for products manufactured before September 1, 2012**

	<u>AFUE(%) (1)</u>
Boilers (excluding gas steam)	80
Gas Steam Boilers	75

**Effective for products manufactured on or after September 1, 2012 (2)**

	<u>AFUE (%) (1)</u>	<u>Design Requirements</u>
Gas Hot Water	82	No Constant Burning Pilot Automatic Means for Adjusting Water Temperature
Gas Steam	80	No Constant Burning Pilot
Oil Hot Water	84	Automatic Means for Adjusting Water Temperature
Oil Steam	82	None
Electric Hot water	None	Automatic Means for Adjusting Water Temperature
Electric Steam	None	None

Note(s): 1) Annual Fuel Utilization Efficiency. 2) Boilers manufactured to operate without any need for electricity, an electric connection, electric gauges, electric pumps, electric wires, or electric devices are not required to comply with the revised standards that take effect September 1, 2012. These must, however, meet the standards that were effective prior to September 1, 2012.

Source(s): Title 10, Code of Federal Regulations, Part 430 - Energy Conservation Program for Consumer Products, Subpart C - Energy and Water Conservation Standards and Their Effective Dates. January 1, 2010.